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TITLE : MICRO-CAPSULE

ABSTRACT : PURPOSE: To make elution of a core substance quickly and mask unpleasant taste or the like by coating a wall membrane composed of chitosan and polyanionic polysaccharides on a core substance containing a substance hardly soluble in water and forming a micro-capsule.

CONSTITUTION: Chitosan or its added acid salt is dissolved in water to which acid may be dissolved or preferably in water in which acid is dissolved, a core substance containing the substance hardly soluble in water is dispersed therein. Further, water solution of polyanionic polysaccharide is added, and while the suspension thus prepared is stirred, its pH is regulated to 2-4 to form a coacervate. Then, a micro-capsule is formed by adding water and separated. The measured viscosity of 0.5%(W/V) chitosan/0.5%(V/V) aqueous solution of acetic acid left at 20°C for 3hr by a rotating type viscometer should be preferably 2,000cP/sec or less in chitosan.

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